



Declaration and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled "IONISING PARTICLE ANALYSER ENABLING FOR EXAMPLE THE SEPARATION OF THE FLUORESCENT YIELD (FY) AND THE TOTAL ELECTRON YIELD (TEY) IN EXAFS (EXTENDED X-RAY ABSORPTION FINE STRUCTURE) MEASUREMENTS" (Attorney Docket No. 063511-9088-00), the specification of which was filed with my authority, on March 9, 2006, 2006 as Application Serial No. 10/571,183.
(The undersigned hereby authorizes the attorney of record to insert in this instrument the filing date and serial number of our application.)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

As a named inventor, I hereby appoint the following registered practitioners associated with the customer number identified below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith; and request that the Office direct all communications in or pertaining to this application to:

Customer Number

23409

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of the foreign application for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

0321039.0
(Number)

Prior Foreign Application

Great Britain
(Country)

9 September 2003
(Day/Month/Year Filed)

The undersigned to this Declaration and Power of Attorney hereby authorize the U.S. attorneys named herein to accept and follow instructions from Marks & Clerk, Manchester, UNITED KINGDOM, as to any actions to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the undersigned will so notify the U.S. attorneys.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or

imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: James Edmond Bateman

Inventor's signature: James Edmond Bateman

Date: 12th April 2006

Residence: Oxon OX13 5ZF, UNITED KINGDOM

Citizenship: U.K.

Post Office Address: 5 The Orchard
Badswell Lane
Appleton, Abingdon
Oxon OX13 5ZF
UNITED KINGDOM

Full name of second joint inventor: Gareth Derbyshire

Inventor's signature: Gareth Derbyshire

Date: 31st March 2006

Residence: Oxon OX11 0QX, UNITED KINGDOM

Citizenship: U.K.

Post Office Address: c/o CCLRC
Rutherford Appleton Laboratory
Chilton, Didcot
Oxon OX11 0QX
UNITED KINGDOM

X:\client\b\063511\9001\A1505911.1